

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	825	normal\$4 with correlat\$4 with coefficient	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 13:29
L2	58	1 same (template)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 13:30
L3	3	2 same (segment\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 13:30
L4	63	1 same (template\$)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 13:33
L5	3	4 same (segment\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 13:33
L6	184	1 and (template\$)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 13:33
L7	93	6 and (segment\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 13:34
L8	47386	"382"/.clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 13:34
L9	66068	"356"/.clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 13:34
L10	111479	8 9	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 13:34
L11	31	10 and 7	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:02
L12	3303	382/141-151.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:03
L13	164	12 and (bright\$4 intensity illumination luminance gray adj scale grayscale) with correction	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:06
L14	3246	((bright\$4 intensity illumination luminance gray adj scale grayscale) with correction) same (function equation formula)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:06

## EAST Search History

L15	35	14 and 12	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:06
S1	6	("5656863" "5765744" "5833128"). PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 12:33
S2	2	"20040109602"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 18:04
S3	20	akhavannik near hadi	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 18:50
S4	0	11-218499	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 18:50
S5	4	"11218499"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 18:51
S6	2	"11026534"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 18:51
S7	7810	bump near electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 18:51
S8	59533	"382"/.clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 18:51

## EAST Search History

S9	9	S7 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 18:51
S10	7814	bump near electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 12:46
S11	290	S10 same (inspect\$3 defect\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 13:10
S12	2	S11 same (template)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 13:11
S13	3	S11 and (template)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 12:41
S14	4	S11 and "382"/.clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 12:41
S15	910301	(bump near electrode) or ball	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 12:46
S16	15134	S15 same (inspect\$3 defect\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 12:53

## EAST Search History

S17	171	S16 and (template)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 12:47
S18	37	S16 same (template)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 12:47
S19	22492	game near ball	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 12:47
S20	163	S17 NOT S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 12:47
S21	71526	S15 and (inspect\$3 defect\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 12:53
S22	2928	S21 and template	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 12:53
S23	1843	S22 and segment\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 12:54
S24	0	S23 and 382/clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 13:08

## EAST Search History

S25	24820	ball near2 grid near2 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 13:10
S26	32123	S10 S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 13:10
S27	1199	S26 same (inspect\$3 defect\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 13:10
S28	3	S27 same (template)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 13:11
S29	43	("3671726"   "4199253"   "4259589"   "4686565"   "4696047"   "4733969"   "4739175"   "4772125"   "4774403"   "4793707"   "4872052"   "4891772"   "4900146"   "4978220"   "4980971"   "5024529"   "5058178"   "5084959"   "5140643"   "5166533"   "5208463"   "5212390"   "5402505"   "5465152"   "5574801"   "5686994"   "5694219").PN. OR ("5956134").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 13:15
S30	85	("5465152").URPN.	USPAT	OR	OFF	2007/04/17 13:19
S31	37	("4521807"   "4677473"   "4731855"   "5058178"   "5245671"   "5355221"   "5420689"   "5465152"   "5546189"   "5574668"   "5574801"   "5581632"   "5592562"   "5600150"   "5617209"   "5621530"   "5648853"   "5652658"   "5654800"   "5734475"   "5801966"   "5812268"   "5812269"   "5815275"   "5818061"   "5828449"   "5859698"   "5859924"   "5870489"   "5926557"   "5943125").PN. OR ("6064757"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 13:24

## EAST Search History

S32	101	382/150.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 13:24
S33	14	S32 and template	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 13:24
S34	13	("4803735"   "5067162"   "5465152"   "5495535"   "5550763"   "5574668"   "5574801"   "5652658"   "5694482"   "5870489"   "5943125"   "6118893").PN. OR ("6289117").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 13:29
S35	0	("2004/0109602").URPN.	USPAT	OR	OFF	2007/04/17 13:53
S36	4	("5923430"   "5956134"   "6577757").PN. OR ("6765666"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:01
S37	1796	bhavesh near mehta	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:02
S38	3303	382/141-151.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:03
S39	133	bga and S38	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:03
S40	17	S39 and S37	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:28
S41	10	S38 and (illumination near2 correction)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:31
S42	19	S38 and ((illumination OR luminance) near2 correction)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:39
S43	0	S38 and (((illumination OR luminance) near2 correction) same equation)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:32
S44	93	(((illumination OR luminance) near2 correction) same equation)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:32
S45	29	S44 and "255"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:33
S46	0	S45 and radius	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:33

## EAST Search History

S47	15	("4926452"   "5081656"   "5097492"   "5199054"   "5259012"   "5291535"   "5561696"   "5583904"   "5594768"   "5621811"   "5687209"   "5903353"   "6084663"   "6314201"   "6581023").PN. OR ("6853744").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:38
S48	751	S38 and segment\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:39
S49	6	S48 and ((illumination OR luminance) near2 correction)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:43
S50	21336	BGA OR electrode near2 bump OR ball with grid with array	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:43
S51	2478	S50 with size	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:43
S52	3917	S50 with (dimension\$1 size width diameter radius height)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:45
S53	0	S52 with templates	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:44
S54	4	S52 with template\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:44
S55	5	S52 same template\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:44
S56	83	S52 and template\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:45
S57	0	S52 and template1	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:45
S58	14	S52 and templates	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:03
S59	83	RVSI	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:03
S60	11	S59 and S38	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 13:29